

Title (en)  
Ladder

Title (de)  
Leiter

Title (fr)  
Échelle

Publication  
**EP 2113631 A1 20091104 (EN)**

Application  
**EP 09380087 A 20090428**

Priority  
ES 200800879 U 20080429

Abstract (en)  
The ladder includes two fixed uprights and steps fixed between each other mainly applicable to swimming pools. is characterised in that the uprights have diametrically opposed holes in an area on each step which attaches to a bushing on the upright formed by two halves with a lower peripheral step which is supported onto the step by an opening near to its ends. This coupling is fixed by a nut which is screwed onto the upper peripheral thread of the two halves forming a bushing which is supported on the step. The holes in the uprights consist of openings housing the respective lugs in the internal periphery of the bushing halves. The step comprises a base to which a base is attached, both of which are made from plastic.

IPC 8 full level  
**E06C 7/08** (2006.01); **B63B 27/14** (2006.01); **E04H 4/14** (2006.01)

CPC (source: EP)  
**E04H 4/144** (2013.01); **E06C 7/081** (2013.01); **E06C 7/083** (2013.01)

Citation (search report)

- [A] CN 2639500 Y 20040908 - DONGGUAN HUBANG HARDWARE PLAST [CN]
- [A] FR 1530108 A 19680621
- [A] FR 2821886 A1 20020913 - SEVYLOR INTERNAT [FR]
- [A] CA 962427 A 19750211 - ZENHAEUSERN HEINRICH
- [A] FR 2535778 A1 19840511 - ANGLADE RENE [FR]

Cited by  
US2020378184A1; US11591855B2; CN109072668A; JP2019513919A; US10718161B2; WO2017174602A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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